EXHIBIT 5





TERRASCEND

Investor Presentation

August 2022 | TerrAscend.com

(CSE: TER | OTCQX: TRSSF)



Disclaimer

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The forward-looking information contained in this presentation represents the Company's expectations as of the date of this presentation or the date indicated, regardless of the time of delivery of the presentation in this presentation in sexers the income tax, legal, risk factors that could cause actual results to differ materially from forward-looking information in this presentation includer. the Company sexers the company sexers that could cause actual results to differ materially from forward-looking information in this presentation includer. the Company sexers to the Company sexers that could cause actual results to differ materially from forward-looking information in this presentation in this presentation in the presentation in the company sexers to the company sexers to the company sexers to the company sexers that formation in this presentation to the company's enfected to the company's and plant and inclusives and social accertain exerted to the company's and plant and inclusives and an exer

Although management has attempted to identify important risk factors that could cause actual results to differ materially from those contained in the forward-looking information in this presentation, there may be other risk factors not presently known to the Company or that the Company presently believes are not material that could also cause actual results to differ materially from those expressed in such forward-looking information in this presentation. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers and viewers should not place undue reliance on forward-looking information, which speaks only as of the date made. The forward-looking information contained in this presentation represents the Company's expectations as of the date of this presentation or the date indicated, regardless of the time of delivery of the presentation, obligation or undertaking to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required under applicable securities laws.

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Non-IFRS Measures, Reconciliation and Discussion

Certain financial measures in this presentation are non-IFRS measures, including, Adjusted Gross Profit and Adjusted Gross

Adjusted Gross Profit and the associated margin are non-IFRS measures which management uses to evaluate the performance of the Company's business as it reflects its ongoing profitability. The Company believes that certain investors and analysts use this measure to evaluate a company's business as it reflects its ongoing profitability. The Company believes that certain investors and analysts use this measure to evaluate a company's ability to service debt and to meet other payment obligations or as a common measurement to value companies in certain industries. The Company measures Adjusted Gross Profit as Gross Profit as a percentage of Net Sales.

Adjusted EBITDA and the associated margin are non-IFRS measures which management uses to evaluate the performance of the Company's business as it reflects its ongoing profitability. The Company believes that certain investors and analysts use this measure to evaluate a company's ability to service debt and to meet other payment obligations or as a common measurement to value companies in certain industries. The Company measures Adjusted EBITDA as EBITDA less unrealized gain on changes in fair value of biological assets and other income plus fair value changes in biological assets included in inventory sold, impairments, restructuring costs, purchase accounting adjustments, transaction costs, share based compensation, revaluation of warrants and derivatives liabilities, unrealized loss on investments or foreign exchange, settlement costs related to contractual disputes, and other one-time non-recurring items. The associated margin is Adjusted EBITDA as a percentage of Net Sales.

Third Party Information

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Company Journey



Initial investment in TerrAscend of \$52.5M

2017 December



Pivoted operations to the US Market

2018 October



Acquired ApothecariuM

2019 June



Opened 2nd and 3rd PA dispensaries

Opened 4th California dispensary in Berkeley

2020 March - July Dec. 2020: Closed \$140M

of debt financing

Jan. 2021: Raised \$175M in non-brokered private placement

2020/21 December/January

2021 04

Announced 2021 results:

\$210.4m Revenue, \$65.6m Adj. EBITDA (31.2% margin), \$79.6m cash on balance sheet

April-July 2022

NJ begins adultuse sales on April 21, 2022

Opened 3rd New Jersey dispensary in Lodi in July

2017 **Founded**

Incorporated Q1 **Publicly Listed** May 2017 (CSE: TER)

Launched as Canadian LP



2018 December

Awarded NJ Vertically Integrated License



NJ

2019 September

Acquired





2020

Q4

First of 3 Apothecarium dispensaries opened in NJ along with processing and cultivation facility

Opened 5th California dispensary in Capitola



2021

April/May

Opened 2nd NJ Apothecarium in Maplewood

Acquired KCR PA (3 operating dispensaries)

Acquired HMS Grower / Processor in Maryland



March 2022



Completed Acquisition of Gage Cannabis

Launched The Apothecarium Mobile App on the Apple App Store

August 2022

Completed Pinnacle Acquisition for 5 operating dispensaries in Michigan



Our Business

Creating a leading, vertically-integrated, North American Operator



ZUI/Year Founded



~1,300 Total employees



5 U.S. States



Canadian Provinces



32Operating Dispensaries



10 Premium Brands



Broad Wholesale Distribution



U.S. Cultivation & Production Facilities



\$210.4 MFY 21 Net Revenue



42% YoY Revenue Growth



56% FY '21 Adj. Gross Margin



51% FY '21 Adjusted EBITDA Margin



Company Strategy



Delight our customers with great brands & outstanding retail experience



Depth & Scale in Attractive Limited License States



Vertical
Integration to
Maximize Quality
& Profitability



Operational Excellence & Financial Discipline



Focused on Expanding Digital & Data Capabilities

Operations in 5 Highly Attractive U.S. Markets











New Jersey

Market Details:

Population: 8.9 Million

Type: Adult Use (Beg. 4/21/22)

Size¹: \$600 Million/year – Current¹

\$2.5 Billion/year - 20251

TerrAscend Operations:

1 of 4 MSOs licensed within Northern NJ, adjacent to NYC

- 1 of 12 vertically integrated operators in the State
- Adult Use sales implemented on April 21, 2022
- 3 Adult Use operational dispensaries
- 16-acre site with 140K Sq Ft Cultivation & Processing facility with the ability to expand up to ~240K Sq Ft
- Broad wholesale distribution



Pennsylvania

Market Details:

Population: 12.8 Million

Type: Medical

Size: \$1.2 Billion/year – Current¹

\$3.9 Billion/year - 2025²

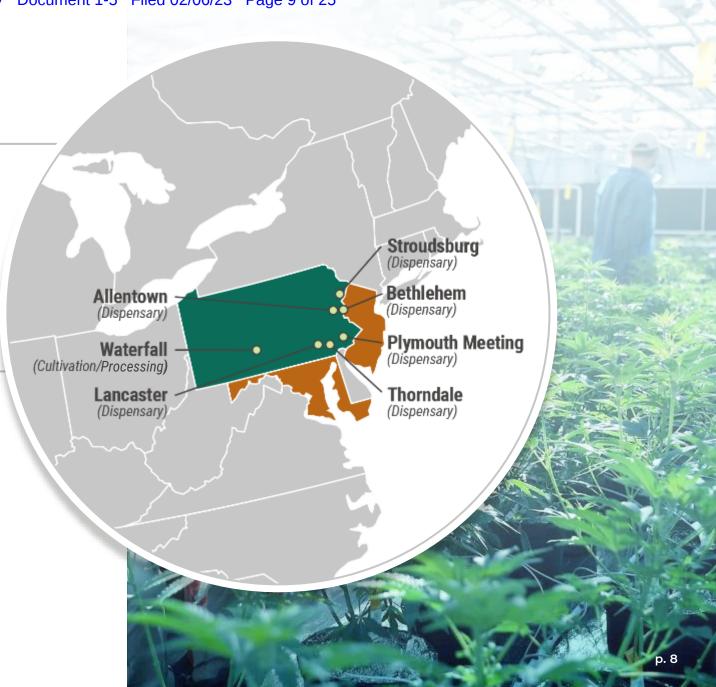
TerrAscend Operations:

- 1 of 5 originally permitted vertically integrated cannabis cultivator, processor, and dispensary operators
- State-of-the-art ~150K Sq Ft cultivation facility
- Broad wholesale distribution across PA dispensaries
- 6 operating retail locations comprised of 3 Apothecarium and 3 KCR dispensaries
- Over 35 cannabis strains, 40+ Product SKU's in market and 23+ New Products under development
- Leading brands include: Kind Tree, Prism, and Ilera



. Source: September 2021, PCC Month in Review, Pennsylvania Cannabis Coalition

2. Source: 8th Edition, The State of the Legal Cannabis Markets, Arcview Market Research (Published May 5, 2020)



Maryland

Market Details:

Population: 6.3 Million

Type: Medical

Size¹: \$600 Million/year – Current¹

\$800 Million/year - 20251

TerrAscend Operations:

Acquired HMS Health in May 2021

 20k Sq Ft cultivation and processing facility located in Frederick

- Ability to acquire up to 4 Retail Licenses
- · Broad wholesale distribution capability
- Finalizing expansion project at 156k Sq Ft Hagerstown facility - completion expected Q3'22, expanding cultivation and processing facilities
- Vertically integrated upon closing of Allegany Medical Dispensary (subject to regulatory approval)



Michigan

Market Details:

Population: 9.9 million

Type: Adult-Use

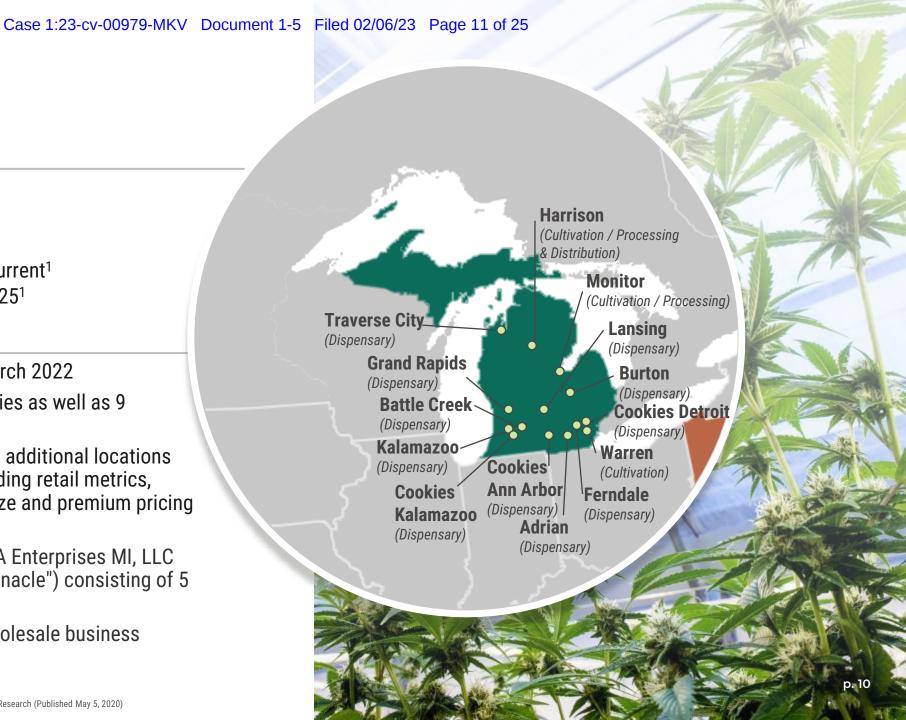
Size: \$2.0 Billion/year - Current¹

\$2.5 Billion/year - 2025¹

TerrAscend Operations:

- Acquired Gage Growth Corp. in March 2022
- 3 cultivation and processing facilities as well as 9 contract grow agreements
- 17 operating retail locations with 3 additional locations planned that generate industry leading retail metrics, including strong average basket size and premium pricing for its flower products
 - Closed on acquisition of KISA Enterprises MI, LLC and KISA Holdings, LLC ("Pinnacle") consisting of 5 operating dispensaries
- Focusing on growth of branded wholesale business





California

Market Details:

Population: 39.5 million

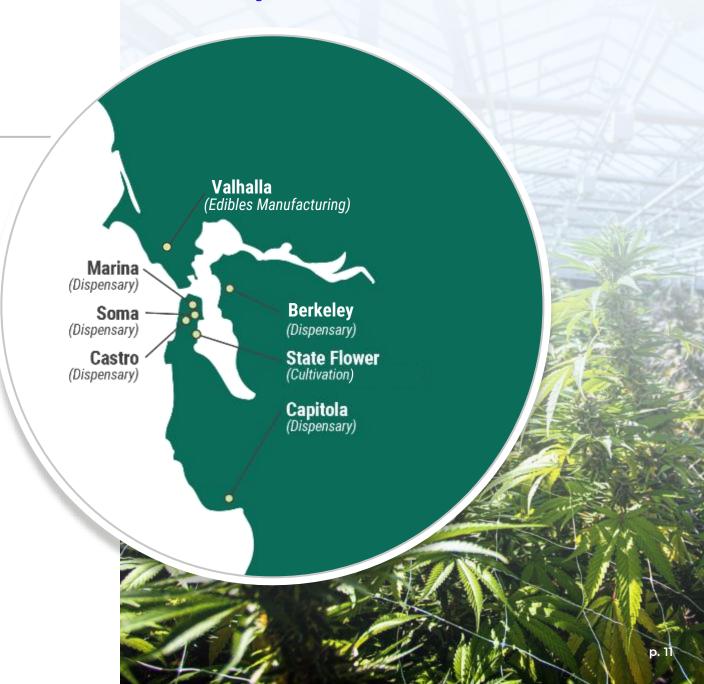
Type: Medical/Adult-use

Size¹: \$4.3 Billion/year – Current¹

\$5.7 Billion/year - 2025¹

TerrAscend Operations:

- Focused on San Francisco / Bay Area with 5 Retail Dispensaries Open
- State Flower 20K Sq Ft Cultivation facility
- 110+ Dispensaries with our Brands
- Valhalla Edibles Products Production



Canadian Footprint

Population

37.6 Million

Market type:

Unlimited License • Medical & Adult Use

TerrAscend Footprint:

- Headquartered in Mississauga, Ontario
- 45K Sq Ft production facility
- Cookies branded retail dispensary located in Toronto
- Focused on building flower market share and expanding existing portfolio of Cannabis 2.0 products, including:
 - Gummies
- Vape
- Pre-Rolls
- Teas

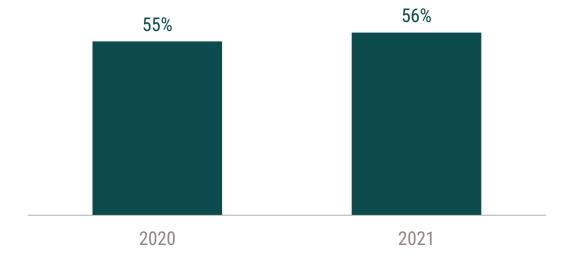
Leveraging strong retail relationships to secure placement in top Provinces/regions





Vertical Integration of Quality In-House **Brands Driving** Strong Profit Margins

Adjusted. GM%:







Expanding Portfolio of Brands Across TerrAscend's North **American Footprint**

Original









PRISM



Case 1:23-cv-00979-MKV Document 1-5 Filed 02/06/23 Page 15 of 25







CBD GUMMII

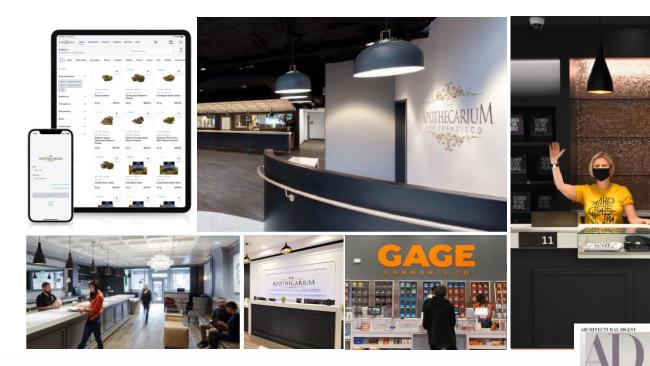


LEGEND

Elevated Retail Experiences

32 dispensaries across Pennsylvania, New Jersey, Michigan, California, and Canada

- 10 years of operating retail experience in San Francisco, CA
- Gage dispensaries generate industry leading retail metrics, including strong average basket size and premium pricing for its flower products (50%+ relative to the Michigan market average price¹).
- Designed to provide enhanced patient and customer experiences
- Highly trained staff to provide product education
- Mobile App and online ordering available for express pick-up or delivery (in select markets)



Flagship Castro store in San Francisco named the best designed dispensary in the country by Architectural Digest²

TerrAscend + Cookies

Bringing New Jersey, Michigan, and Toronto access to Cookies branded products

- New Jersey Multi-Year Brand Licensing Agreement:
 - TerrAscend is the exclusive cultivator and manufacturer of Cookies products in New Jersey
 - In addition to staple Cookies flavors, TerrAscend and Cookies have developed and launched a unique Cookies menu that is only offered in New Jersey
 - "Cookies Corners" currently located within each of the Company's Apothecarium dispensaries in New Jersey
- Also, exclusive partner of Cookies in Michigan & Toronto
 - Medical dispensary in Detroit
 - Adult-use dispensary in Kalamazoo and Ann Arbor
 - Adult-use dispensary in Toronto









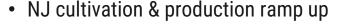


Investing for Growth and Scale in Priority Markets

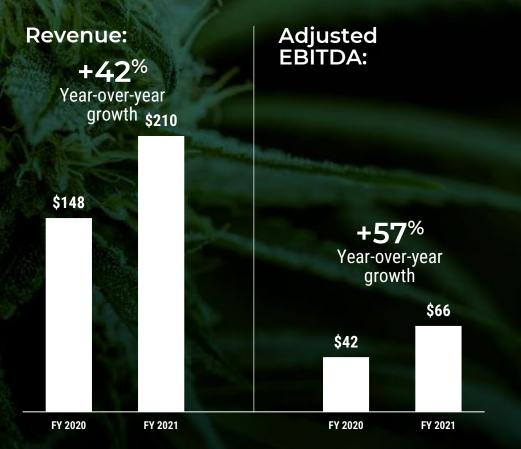
1H21

2H21

2H22



- 4 new dispensaries across NJ & PA (KCR) acquisition)
- Completed acquisition of HMS Maryland grower/processor



- Hagerstown, MD facility acquired (156k sq ft)
- Upgraded PA cultivation and processing facility producing high-THC cultivars; New strains introduced

Completed acquisition of Gage Cannabis 1H22

- Agreements signed to acquire 1 MD dispensary and 5 MI dispensaries
- New Jersey adult-use sales implemented on April 21st
- 3rd New Jersey dispensary opened in Lodi
- Expected completion of planned MD facility expansion
- Further cultivation expansion started in NJ
- Completed Pinnacle acquisition adding 5 Michigan dispensaries

3 dispensary openings planned in Michigan

(\$M USD)

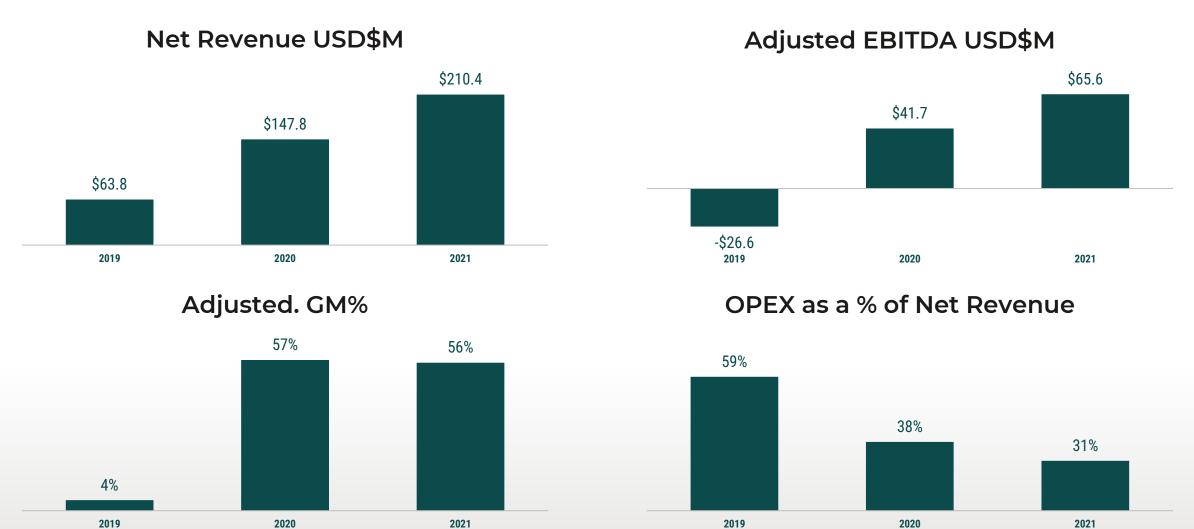
CSE: TER | OTCQX: TRSSF)







Continued Momentum Across All Key Metrics





2020

Q2 2022 Financial Highlights

Q2 Net Sales: \$64.8 million +30.5% sequentially; +10.4% YOY

30.5% sequential growth driven mainly by a partial quarter of adult uses sales in NJ, followed by a full quarter contribution related to Gage acquisition.

Adjusted GM%

Improved 870bps sequentially to 47%

Adjusted EBITDA %

Improved 310bps sequentially to 8.9%

Experienced Executive Leadership Team

Executive Leadership Team



Jason Wild **Executive Chairman**







Ziad Ghanem **President & Chief Operating Officer** Parallel Walgreens



Keith Stauffer Chief Financial Officer

COTY (DELL)

P&G **HERSHEY'S**



Lynn Gefen **Chief Legal Officer**



Holland & Knight

CİTRIX'



David Wheeler SVP, **Chief Information Officer**



Share Count Detail

Fully Diluted Shares Outstanding (As of August 11, 2022)	Total Shares (in Millions)
Common Shares	253
Preferred Shares (as converted)	13
Exchangeable Non-voting Shares	52
Total Basic Shares Outstanding	318
Warrants and Options	72
Total Shares Outstanding (Fully-Diluted)	390

Our Focus



Happy Customers



World-class Talent



Strong Core Values



Financial Discipline



Data & Technology

